SezÄºn Aday

List of Publications by Year
in descending order

26 papers	852 citations	759055 12 h-index	677027 22 g-index
27 all docs	27 docs citations	27 times ranked	1595 citing authors

#	ARTICLE	IF	CITATIONS
1	An in vitro Blood-brain Barrier Model to Study the Penetration of Nanoparticles. Bio-protocol, 2022, 12, e4334.	0.2	1
2	Extracellular vesicles enriched with an endothelial cell pro-survival microRNA affects skin tissue regeneration. Molecular Therapy - Nucleic Acids, 2022, 28, 307-327.	2.3	7
3	Bioinspired artificial exosomes based on lipid nanoparticles carrying let-7b-5p promote angiogenesis inÂvitro and inÂvivo. Molecular Therapy, 2021, 29, 2239-2252.	3.7	42
4	BBB pathophysiologyâ€“independent delivery of siRNA in traumatic brain injury. Science Advances, 2021, 7, .	4.7	67
5	Analysis of Neat Biofluids Obtained During Cardiac Surgery Using Nanoparticle Tracking Analysis: Methodological Considerations. Frontiers in Cell and Developmental Biology, 2020, 8, 367.	1.8	6
6	Abstract 130: Development of Bioinspired Synthetic Exosomes With Proangiogenic Potential. Circulation Research, 2019, 125, .	2.0	0
7	Endothelial Progenitor Cells influence acute and subacute stroke hemodynamics. Journal of the Neurological Sciences, 2018, 385, 119-125.	0.3	8
8	Endothelial progenitor cells enhance bloodâ€“brain barrier permeability in subacute stroke. Neurology, 2018, 90, e127-e134.	1.5	20
9	miR-210 Enhances the Therapeutic Potential of Bone-Marrow-Derived Circulating Proangiogenic Cells in the Setting of Limb Ischemia. Molecular Therapy, 2018, 26, 1694-1705.	3.7	33
10	Synthetic microparticles conjugated with VEGF165 improve the survival of endothelial progenitor cells via microRNA-17 inhibition. Nature Communications, 2017, 8, 747.	5.8	35
11	Antimicrobial peptide-gold nanoscale therapeutic formulation with high skin regenerative potential. Journal of Controlled Release, 2017, 262, 58-71.	4.8	48
12	198â€…microRNA-17 As The Target of Immobilized Vascular Endothelial Growth Factor in Endothelial Cell Survival Under Ischaemic Conditions. Heart, 2016, 102, A133-A134.	1.2	0
13	Stem Cell-Based Human Bloodâ€“Brain Barrier Models for Drug Discovery and Delivery. Trends in Biotechnology, 2016, 34, 382-393.	4.9	137
14	Lysophosphatidic acid enhances survival of human CD34+ cells in ischemic conditions. Scientific Reports, 2015, 5, 16406.	1.6	22
15	Abstract 10: MicroRNA 17 in Angiogenesis: Lessons Learned From Immobilized Vascular Endothelial Growth Factor. Circulation Research, 2015, 117, .	2.0	0
16	A Stable and Reproducible Human Blood-Brain Barrier Model Derived from Hematopoietic Stem Cells. PLoS ONE, 2014, 9, e99733.	1.1	249
17	Inflammatory modulation of stem cells by Magnetic Resonance Imaging (MRI)-detectable nanoparticles. RSC Advances, 2014, 4, 31706-31709.	1.7	9
18	Controlling the Neuronal Differentiation of Stem Cells by the Intracellular Delivery of Retinoic Acid-Loaded Nanoparticles. ACS Nano, 2011, 5, 97-106.	7.3	87

#	Article	IF	Citations
19	Influence of water/O2 plasma treatment on cellular responses of PCL and PET surfaces. Bio-Medical Materials and Engineering, 2011, 21, 191-191.	0.4	1
20	Heparin-functionalized chitosan scaffolds for bone tissue engineering. Carbohydrate Research, 2011, 346, 606-613.	1.1	48
21	Scaffolding for Three-Dimensional Embryonic Vasculogenesis. Biological and Medical Physics Series, 2011, , 49-67.	0.3	1
22	A cost-effective and simple culture method for primary hepatocytes. Animal Cells and Systems, 2011, 15, 19-27.	0.8	5
23	Influence of water/O2 plasma treatment on cellular responses of PCL and PET surfaces. Bio-Medical Materials and Engineering, 2011, 21, 123-137.	0.4	5
24	Boneâ€like apatiteâ€coated chitosan scaffolds: Characterization and osteoblastic activity. Polymer Composites, 2010, 31, 1418-1426.	2.3	9
25	Insulin and heparin co-immobilized 3D polyester fabrics for the cultivation of fibroblasts in low-serum media. International Journal of Biological Macromolecules, 2007, 41, 338-345.	3.6	12
26	Controlling keratinocyte activity by LL-37 conjugated nanoparticles. Frontiers in Bioengineering and Biotechnology, 0, 4, .	2.0	0